

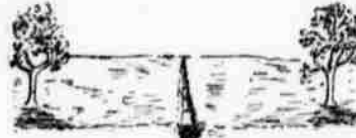
HORTICULTURE



TILE DRAIN IN THE ORCHARD.

Removal of Surplus of Water Will Make Trees Profitable.

Frequently an orchard which might otherwise be a profitable one is seriously handicapped by the presence of too much water in the soil. Several years ago the late John J. Thomas, formerly vice president of the Fruit Growers' Society of Western New York, and for 30 years a practical nurseryman, presented the idea of laying of tile between each row of trees, as illustrated in the accompanying



The Drain in the Orchard.

ing sketch. This plan is said to have worked very satisfactorily when it has been adopted. On account of the natural fall of the land, it is sometimes impossible to follow out this idea literally, but Mr. Thomas' early experience seems to coincide with the observation of the practical fruit growers of latter days, says Farm and Home, that is, if the orchard is located upon soil in need of draining, it will be necessary to lay tile to remove surplus water before satisfactory results will be secured.

PLANTS THAT STORE WATER.

Product of Sonora Desert Which Scientists Have Gone to Study.

A gentleman connected with the Carnegie Institute will leave this country shortly on an extended exploration of the deserts of central and southern Mexico to study the storage of water by certain plants growing in those regions.

It has developed that in places where there is only a slight, irregular rainfall, plants peculiar to the district have no special reservoirs for the storage of water, while in regions where the rainfall is confined to brief regular periods, plants are found which are provided with various devices for storing water for consumption during dry spells.

An example of this provision of nature has been discovered in a "guarqui," a relative of the squash and pumpkin, which flourishes in the desert of Sonora, a locality in which all the rain falls in a period of six weeks. The base of the stem of the plant is swollen to form a hard woody structure, in time reaching the size of a large squash.

The gray of the sands of the Sonora is imitated in the color of the covering of the mass, presenting the appearance of a worn gray boulder projecting above the sand, while the structure is as hard as stone. This structure catches the rain and holds it, doling out the precious drops to the plant during the dry spell following.

At the close of the rainy season the vine-like stems of the plant die down, the small roots dry up, and the plant, in the form of its tuber, lies dormant on the burning sands throughout the long hot months following.

When the rainy season again returns the plant reforms its roots, stems, leaves and flowers, completes its short season of activity and then resumes its inactive life through the succeeding dry season, repeating the performance year after year. Some of these plants have accomplished this feat five years in succession.

HORTICULTURAL NOTES.

Look for the brown-tail's nest all winter.

Don't dig the autumn leaves into your garden now; make a compost heap.

Prune trees for fruit in spring as soon as leaves are about full grown; for wood growth in winter when dormant and wood is not frozen.

Do not delay in mulching the strawberry beds, if not already done. Coarse March hay is best, but use straw or coarse litter rather than nothing.

Mice and rabbits sometimes burrow into the snow and gnaw the bark of the fruit trees. Go around the orchard and stamp the snow in around the trees.

Pear cider, or perry, is made in exactly the same way as apple cider. But perry is much less palatable than apple cider, and has never become popular in America.

In laying down raspberries for winter, remove a little soil from one side of the plants, loosening the roots on the other. Then lay down the plants in the direction from which the soil was removed, and cover the heads lightly with earth.

Blossoms on Young Trees.

In the fifth report of the Woburn experimental fruit farm of England, it is stated that the removal of apple blossoms was found to be very beneficial in the growth and future productivity of early-bearing trees. Trees thus treated appeared to bear heavier crops for several years afterwards and not only the year when they were first allowed to bear. With varieties that came into bearing later, it was not of so much advantage.

TERRIBLE TO RECALL.

Five Weeks in Bed With Intensely Painful Kidney Trouble.

Mrs. Mary Wagner, of 1367 Kossuth avenue, Bridgeport, Conn., says: "I was so weakened and generally run down with kidney disease that for a long time I could not do my work and was five weeks in bed. There was continual bearing down pain, terrible backaches, headaches and

at times dizzy spells when everything was a blur before me. The passages of the kidney secretions were irregular and painful, and there was considerable sediment and odor. I don't know what I would have done but for Dodd's Kidney Pills. I could see an improvement from the first box, and five boxes brought a final cure." Sold by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

Some day a long-suffering genius will invent a safety razor with a photograph attachment—then it will be good-by for the garrulous barber.

Garfield Tea (the herb remedy which is guaranteed under the Pure Food and Drugs Law) should be taken to regulate the Liver, Kidneys, stomach and bowels, and to purify the blood.

Shakespeare as Novel Hero. William Shakespeare is the hero of a new and striking novel by the Danish woman writer Sophus Banditz. Moreover, British and American readers will probably soon have a chance to read this tale, for Queen Alexandra, who recently read it in the original, was so much impressed by it that she advised the author to have it translated into English. This translation is now proceeding and the English version is to be dedicated to the queen, who is herself a Dane.

Sheer white goods, in fact, any fine wash goods when new, owe much of their attractiveness to the way they are laundered, this being done in a manner to enhance their textile beauty. Home laundering would be equally satisfactory if proper attention was given to starching, the first essential being good starch, which has sufficient strength to stiffen, without thickening the goods. Try Defiance Starch and you will be pleasantly surprised at the improved appearance of your work.

SAID WOMEN MARRIED HIM.

Remarkable Excuse Put Forward by French Bigamist.

At Versailles, France, recently a baker was tried on a charge of polygamy, having married five women, who are living and undivorced. The pentagamist's defense was that he had not married the women; they had married him. When they proposed he had not the courage to say no. Neither money nor love, he said, had prompted his nuptials; he was the victim of the stronger will of his successive spouses. Of the five wives three appeared as witnesses, but did not prosecute, saying that their common husband was a toper of whom they were glad to get rid. He was acquitted—on what ground does not appear. As all the years in which the multiplex husband took wives were leap years except 1881, in which it would seem that in four out of the five cases the women had the right to propose. But the man had the right, even in the leap years, to decline, and it was up to him at least to explain to his fair suitors that he was engaged. To establish the principle that a man is not responsible for the number of his wives unless he himself does the courting, would be plainly against public policy. If "Barkis is willin'" that at once puts all the responsibility on him, no matter who managed the preliminaries.

WHITE BREAD

Makes Trouble for People with Weak Intestinal Digestion.

A lady in a Wis. town employed a physician who instructed her not to eat white bread for two years. She tells the details of her sickness and she certainly was a sick woman.

"In the year 1887 I gave out from overwork, and until 1901 I remained an invalid in bed a great part of the time. Had different doctors but nothing seemed to help. I suffered from cerebro-spinal congestion, female trouble and serious stomach and bowel trouble. My husband called a new doctor and after having gone without any food for 10 days the doctor ordered Grape-Nuts for me. I could eat the new food from the very first mouthful. The doctor kept me on Grape-Nuts and the only medicine was a little glycerine to heal the alimentary canal.

"When I was up again doctor told me to eat Grape-Nuts twice a day and no white bread for two years. I got well in good time and have gained in strength so I can do my own work again.

"My brain has been helped so much, and I know that the Grape-Nuts food did this, too. I found I had been made ill because I was not fed right, that is I did not properly digest white bread and some other food I tried to live on.

"I have never been without Grape-Nuts food since and eat it every day. You may publish this letter if you like so it will help someone else." Name given by Postum Co., Battle Creek, Mich. Get the little book "The Road to Wellville," in pkgs.

Judges on Their Dignity. The ceremony of the United States supreme court judges marching from their robing room across the corridor to take their seats on the bench, which occurs at high noon every week day while the court is holding session, is always a matter of interest to the average visitor at the capitol. Every day there is a small crowd waiting to see the stately procession. The other day Justice Moody, as the youngest member of the august body, brought up the rear. A flicker of a smile appeared on his face as he noted the black-robed figures ahead of him, but it passed away instantly and he became as solemn and grave as the others.

Thoroughly Reliable. If ever there was a reliable and safe remedy it is that old and famous porous plaster—Alcock's. It has been in use for sixty years, and is as popular to-day as ever, and we doubt if there is a civilized community on the face of the globe where this wonderful pain reliever cannot be found. In the selection of the ingredients and in their manufacture the greatest care is taken to keep each plaster up to the highest standard of excellence, and so pure and simple are the ingredients that even a child can use them.

Alcock's are the original and genuine porous plasters and are sold by Druggists all over the world.

Developing the Sudan. There is talk in England of the proposed development of the natural resources of the Sudan through scientific exploration. Immense forests line the banks of the Blue Nile along its upper reaches, extending to the Abyssinian frontier. The ebony tree is met with along that river and also near the Sobat. Along the White Nile the India rubber creeper, a valuable source of rubber, abounds. There are large forests in the Bahrel-Ghazal province and gold has been mined in some of the mountains. Search will be made for fuel.



MISS JULIE FLORENCE WALSH

Lydia E. Pinkham's Vegetable Compound

Made from native roots and herbs. No other medicine in the country has received such widespread and unqualified endorsement. No other medicine has such a record of cures of female ills.

Miss J. F. Walsh, of 328 W. 36th St., New York City, writes: "Lydia E. Pinkham's Vegetable Compound has been of inestimable value in restoring my health. I suffered from female illness which caused dreadful headaches, dizziness, and dull pains in my back, but your medicine soon brought about a change in my general condition, built me up and made me perfectly well."

Lydia E. Pinkham's Vegetable Compound cures Female Complaints, such as Backache, Falling and Displacements, Inflammation and Ulceration, and organic diseases. It is invaluable in preparing for child-birth and during the Change of Life. It cures Nervous Prostration, Headache, General Debility, and invigorates the whole system.

Mrs. Pinkham's Standing Invitation to Women

Women suffering from any form of female weakness are invited to write Mrs. Pinkham, at Lynn, Mass. Her advice is free.

At the Waist

Write it in your heart that every day is the best day in the year. No man has learned anything rightly until he knows that every day is doomsday.—Emerson.

A Big Bargain for 12 Cents Postpaid.

The year of 1906 was one of prodigious plenty on our seed farms. Never before did vegetable and grain seeds return such enormous yields.

Now we wish to gain 200,000 new customers this year and hence offer for 12c postpaid

1 pk. Garden City Beet..... 10c
1 " Earliest Ripe Cabbage..... 10c
1 " Earliest Emerald Cucumber..... 15c
1 " La Crosse Market Lettuce..... 15c
1 " 13 Day Radish..... 10c
1 " Blue Blood Tomato..... 15c
1 " Juicy Turnip..... 10c
1000 kernels gloriously beautiful flower seeds..... 15c

Total..... \$1.00

All for 12c postpaid in order to introduce our warranted seeds, and if you will send 12c we will add one package of Berliner Earliest Cauliflower, together with our mammoth plant, nursery stock, vegetable and farm seed and tool catalog. This catalog is mailed free to all intending purchasers. Write to-day.

John A. Salzer Seed Co., Box W, La Crosse, Wis.

You can also tell a man by the company he doesn't keep.



SICK HEADACHE

Positively cured by these Little Pills. They also relieve Distress from Dyspepsia, Indigestion and Too Hearty Eating. A perfect remedy for Dizziness, Nausea, Drowsiness, Bad Taste in the Mouth, Coated Tongue, Pain in the Side, TORPID LIVER! They regulate the Bowels. Purely Vegetable.

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Genuine Must Bear Fac-Simile Signature

Refuse Substitutes.



ALL ACHES

And Nervousness

Patents

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WOMEN SUFFER

Many women suffer in silence and drift along from bad to worse, knowing well that they ought to have immediate assistance.

How many women do you know who are perfectly well and strong?

Because many can be easily traced to some feminine derangement which manifests itself in depression of spirits, reluctance to go anywhere or do anything, backache, dragging sensations, flatulency, nervousness, and sleeplessness.

These symptoms are but warnings that there is danger ahead, and unless heeded, a life of suffering or a serious operation is the inevitable result. The best remedy for all these symptoms is

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Mrs. Pinkham's Standing Invitation to Women

Women suffering from any form of female weakness are invited to write Mrs. Pinkham, at Lynn, Mass. Her advice is free.

Pains at the waist, back, front, or side, are nearly sure proof of female trouble. Some other signs are headache, pressing down pains, irregular functions, restlessness, cold limbs, nervousness, etc. These pains may be allayed, the system braced and the womanly functions regulated by the use of

Wine of Cardui

Mrs. Annie Hamilton, of Stetsonville, Wis., writes: "Cardui saved me from the grave after three (3) doctors had failed to help me. It is a good medicine and I recommend it to all suffering women." For sale at all druggists, in \$1 bottles.

WRITE US A LETTER

Write today for a free copy of valuable 64-page illustrated Book for Women. If you need Medical Advice, describe your symptoms, stating age, and reply will be sent in plain sealed envelope. Address: Ladies' Advisory Dept., The Chattanooga Medicine Co., Chattanooga, Tenn.

Wonderful Incandescent.

Hans Zuzel, an Austrian chemist, is said to have perfected an incandescent lamp which is made of filaments of cheap material, but of great durability and capable of burning 3,500 hours.

By following the directions, which are plainly printed on each package of Deference Starch, Men's Collars and Cuffs can be made just as stiff as desired, with either gloss or domestic finish. Try it, 16 oz. for 10c, sold by all good grocers.

People who are fond of music usually draw the line at amateur concerts.

Lewis' Single Binder straight 5c cigar. Made of extra quality tobacco. Your dealer or Lewis' Factory, Peoria, Ill.

There is no cure for the indigestion caused by being compelled to eat your own words.

PILES CURED IN 6 TO 14 DAYS. PAZO OINTMENT is guaranteed to cure any case of Itch, Hum, Bleeding or Protruding Piles in 3 to 14 days on money refunded.

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Tartarlithine cures Rheumatism because it supplies the blood with the necessary substance to dissolve and remove the poisons of Rheumatism—uric acid. FREE SAMPLE and our booklet sent free on request. DR. HENRY A. HUBBARD, 222 E. 12th St., New York City. (Sole Agents for the Tartarlithine Co.)

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